

DECLARATION AND POWER OF ATTORNEY
for patent application

(COMPLETE IF KNOWN)

Application Number		Attorney Docket Number	3815/107
Filing Date		First Named Inventor	OKUMURA
Group Art Unit			
Examiner			

This declaration is (*check one*):
 submitted with initial filing;
 submitted after initial filing;
 a supplemental declaration.

This application is of the following type:
 utility;
 design;
 national stage of PCT;
 divisional, continuation or continuation-in-part.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD, AND FADING FREQUENCY DECISION DEVICE AND METHOD

the specification of which: (*check one*)

is attached hereto; or
 was filed on _____ as U.S. Application No. _____ and is/was amended on _____ (*if applicable*);
 was described and claimed in PCT International Application No. _____, filed on _____ and was amended under PCT Article 19 on _____ (*if applicable*).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

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I hereby identify below, and where indicated claim foreign priority benefits under Title 35, United States Code §§ 119(a)-(d) or §§ 365(a)-(b) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America, filed within 12 months (6 months for design) prior to this application, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed (if any):

Foreign/PCT Application Number.	Country	Filing Date (MM/DD/YYYY)	Priority Claimed	
			(x)Yes	()No
11-96804	Japan	April 2, 1999	(x)Yes	()No
11-340638	Japan	November 30, 1999	(x)Yes	()No
2000-82929	Japan	March 23, 2000	(x)Yes	()No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below (if any):

Provisional Application No.	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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U.S./PCT Parent Application No.	Filing Date	Status (<i>Patented, Pending, or Abandoned</i>)
PCT/JP00/02105	March 31, 2000	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorney(s) or agent(s) with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Seth H. Ostrow, Reg. No. 37,410
 Jonathan T. Kaplan, Reg. No. 38,935
 Anthony J. Natoli, Reg. No. 36,223
 Katrine A. Levin, Reg. No. 41,941
 Michael Malish, Reg. No. 41,968
 Frank J. DeRosa, Reg. No. 26,543
 Louis J. Greco, Reg. No. 41,799
 Matthew J. Marquardt, Reg. No. 40,997
 Frederick Yu, Reg. No. 45,251
 Michael K. Kinney, Reg. No. 42,740

Direct all correspondence to:

Brown Raysman Millstein Felder & Steiner LLP
120 West 45th Street
New York, New York 10036

Direct all telephone calls to: (212) 944-1515

Full Name of Sole or First Inventor		Yukihiko OKUMURA	
Inventor's Signature	<i>Yukihiko Okumura</i>	Date	November 22, 2000
Residence	Kanagawa, Japan JPX	Citizenship	Japan
Post Office Address	9-2-3-405, Sugita, Isogo-ku, Yokohama-shi, Kanagawa 235-0033, Japan		

(check one) Sheets containing additional joint inventors (x) are, () are not attached hereto.

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Full Name of Second Joint Inventor		<u>Hidehiro ANDO</u>	
Inventor's Signature	<i>Hidehiro Ando</i>	Date	November 22, 2000
Residence	<u>Kanagawa, Japan</u> JPX	Citizenship	Japan
Post Office Address	3-16-5-101, Serigaya, Konan-ku, Yokohama-shi, Kanagawa 233-0006, Japan		

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Full Name of Third Joint Inventor		<u>Masafumi USUDA</u>	
Inventor's Signature	<i>Masafumi Usuda.</i>	Date	November 22, 2000
Residence	<u>Kanagawa, Japan</u> JPX	Citizenship	Japan
Post Office Address	18-11-102, Noukendaidori, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0053, Japan		

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Full Name of Fourth Joint Inventor		<u>Yoshihiro ISHIKAWA</u>	
Inventor's Signature	<i>Yoshihiro Ishikawa</i>	Date	November 22, 2000
Residence	<u>Kanagawa, Japan</u> JPX	Citizenship	Japan
Post Office Address	4-18-4-503, Nobi, Yokosuka-shi, Kanagawa 239-0841, Japan		

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Full Name of Fifth Joint Inventor		<u>Seizo ONOE</u>	
Inventor's Signature	<i>Sei Onoe</i>	Date	November 22, 2000
Residence	<u>Kanagawa, Japan</u> JPX	Citizenship	Japan
Post Office Address	1974-21, Mitsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032, Japan		